

# Dinosaur Project

During the holidays, we would like you to complete a dinosaur project! It must include lots of information about all the different dinosaurs, some research, facts and some art and design work (See page 42 and 43)

The slides in this powerpoint will give you lots of information, pictures, internet links and ideas for your project. You can also research information yourself using the internet.

We would like you to present your project in September to your class. You can set out your project however you like. You may want to create your own powerpoint, create a dinosaur fact file or a book. Be imaginative!

This powerpoint will also be sent via email for you to access the web links.

We can't wait to see your creative work. Have fun!  
Miss Wilson and Miss Brook

**\*View as slideshow to enable web links to work\***





Millions of years ago, long before there were any people, there were dinosaurs.

The largest dinosaurs were over 30 meters long and up to 15 meters tall.

The smallest dinosaurs were about the size of a chicken!



**Click on the dinosaur images to find out more.**





Dinosaurs were reptiles and most hatched from eggs.

No one knows for sure how dinosaurs sounded, or what colour they were.

Can you think why this is?

**Click on the dinosaur egg image to learn more.**



**Now click on the dinosaur image.**

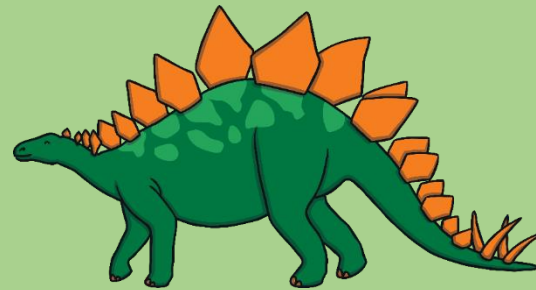
(It should open in another browser so you will need to minimize this powerpoint in order to see the resource.)



There were lots of different kinds of dinosaurs that lived at different times.

- Some walked on two legs and some on four. Some could do both.
- Some were speedy and some were slow and lumbering.
- Some had thick, bumpy skin. Some even had feathers.
- Some were armour plated, some had horns, crests, spikes or frills to defend themselves.

Click on the images  
to learn more.



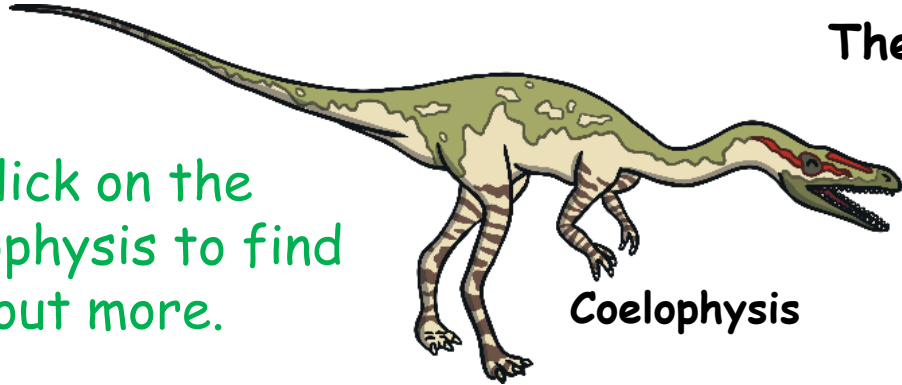


# Triassic Period

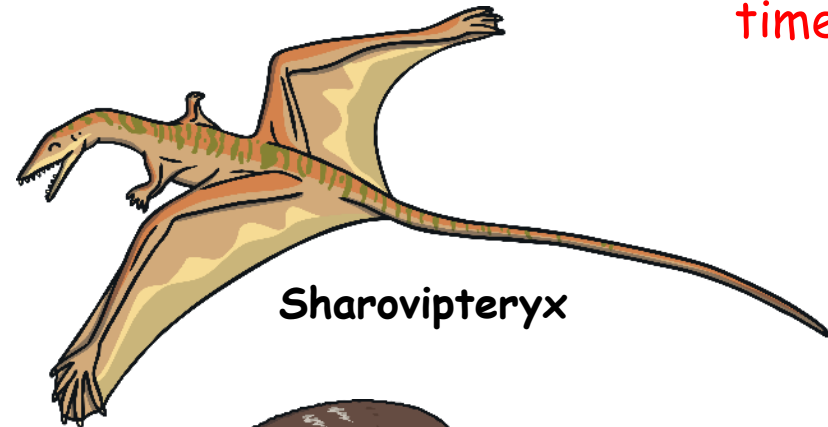
There were lots of different kinds of dinosaurs that lived at different times.

## The Age of Reptiles

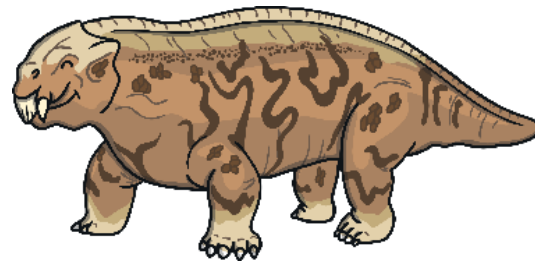
Click on the Coelophysis to find out more.



Coelophysis



Sharovipteryx

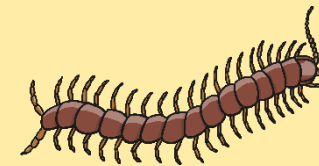


Lystrosaurus



Eozostrodon

These creatures also existed during the Triassic Period.



# Jurassic Period

The Age of Reptiles

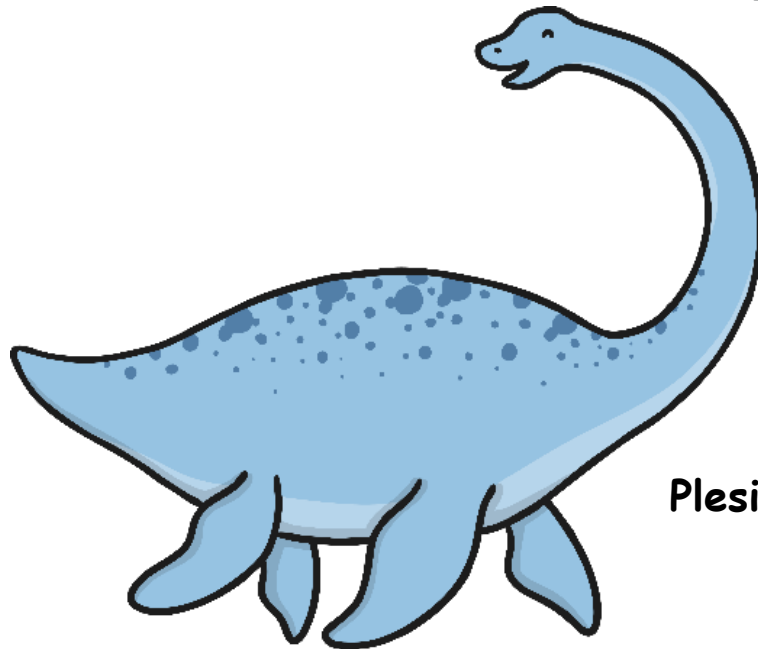
The dinosaurs that evolved during this time became some of the biggest creatures ever to live.



Allosaurus



Epanterias



Plesiosaur

[Predator and Prey](#)  
Carnivores  
were meat  
eating  
dinosaurs.

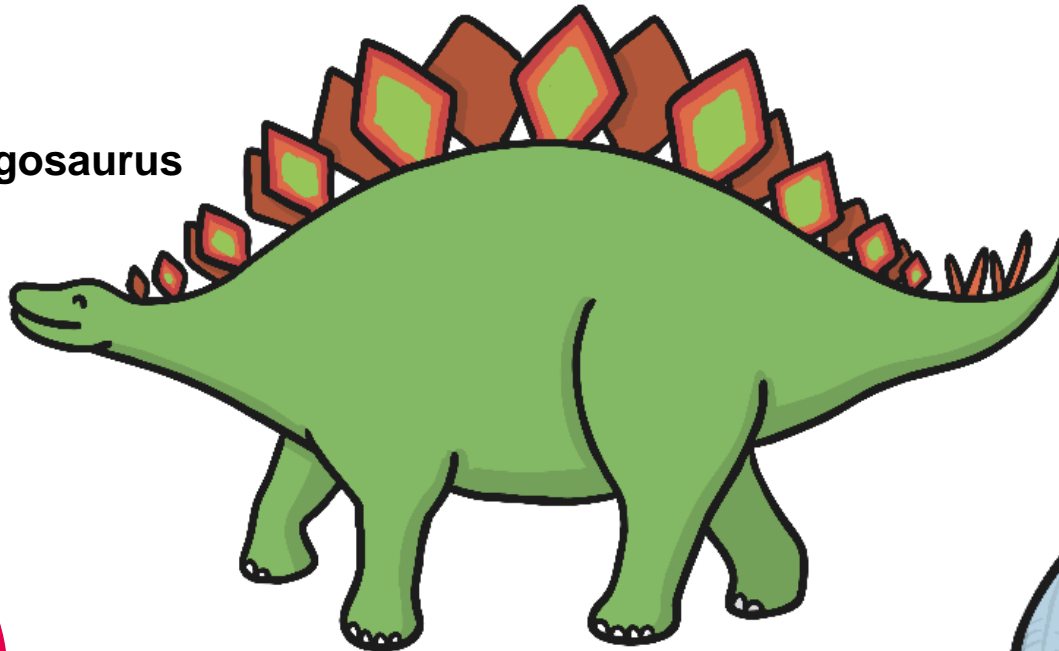
Click the link in the  
red circle.

# Jurassic Period

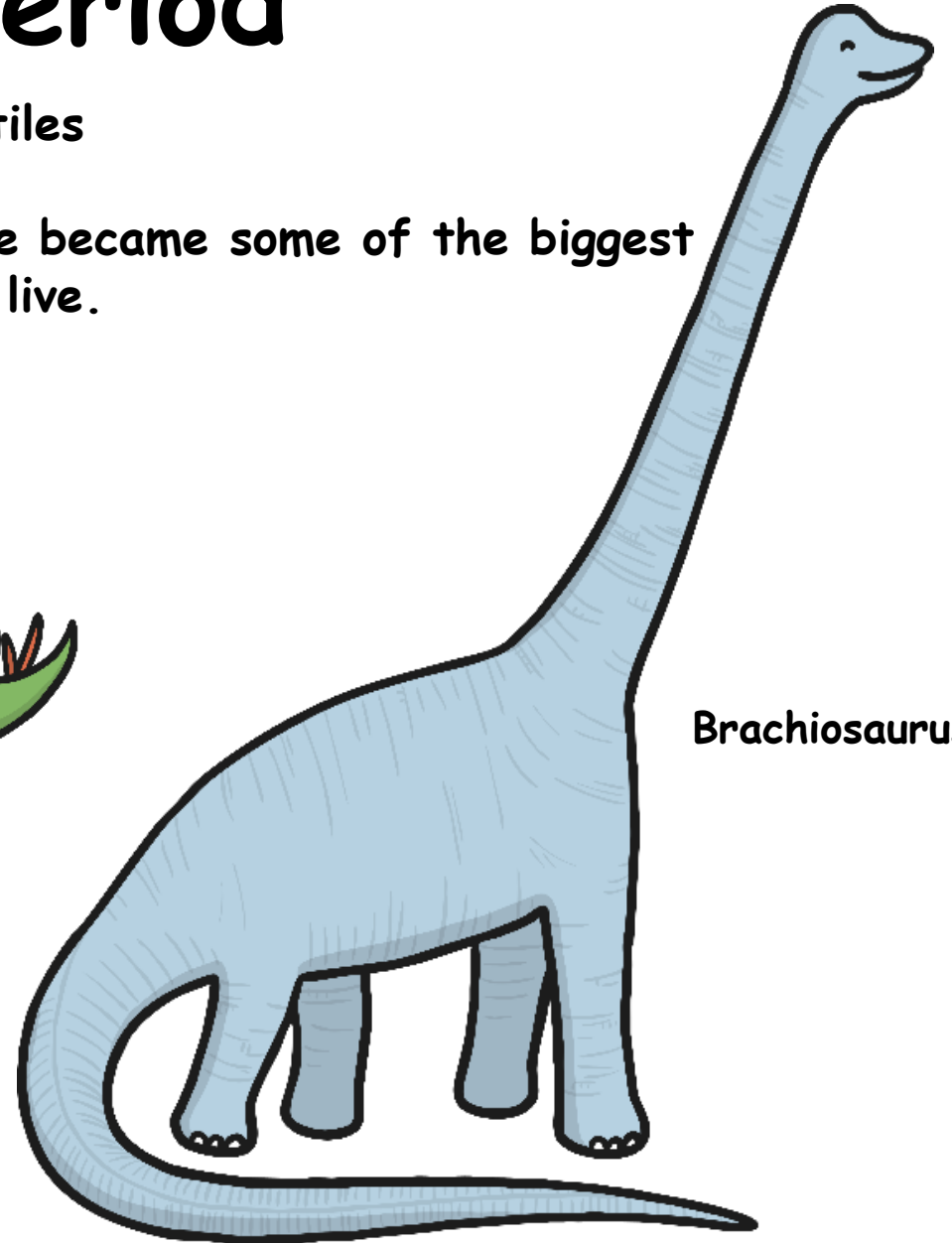
The Age of Reptiles

The dinosaurs that evolved during this time became some of the biggest creatures ever to live.

Stegosaurus



Brachiosaurus



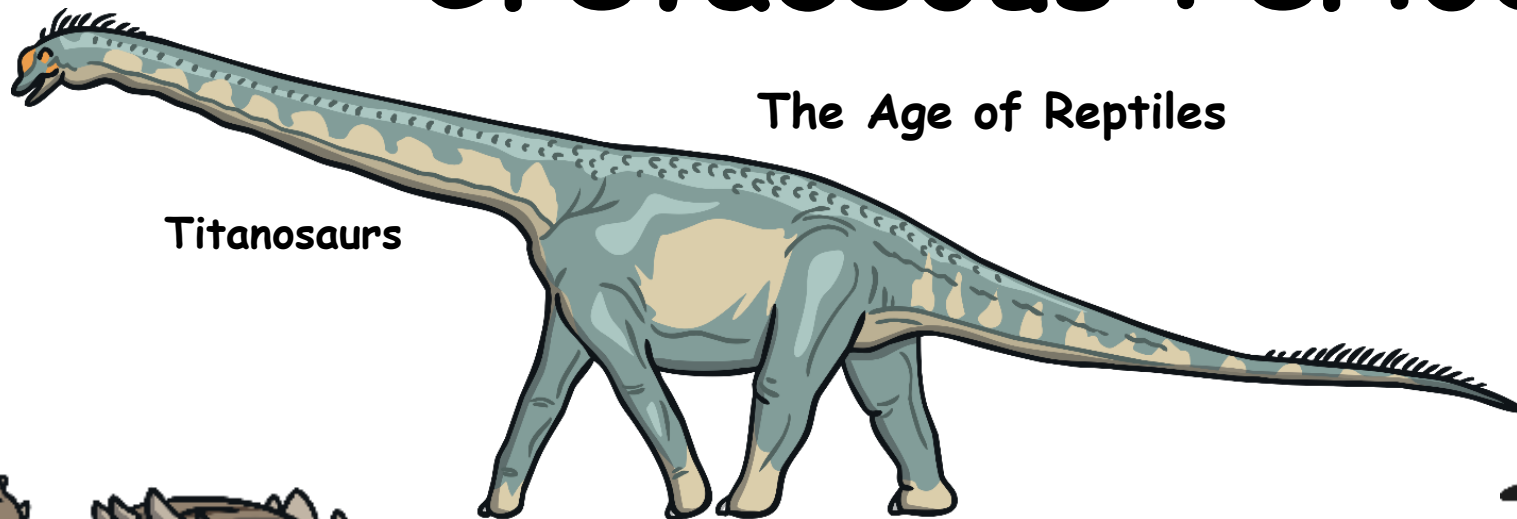
**Herbivores**  
Were plant  
eating  
dinosaurs.

Click the link in the  
red circle.

# Cretaceous Period

The Age of Reptiles

Titanosaurs

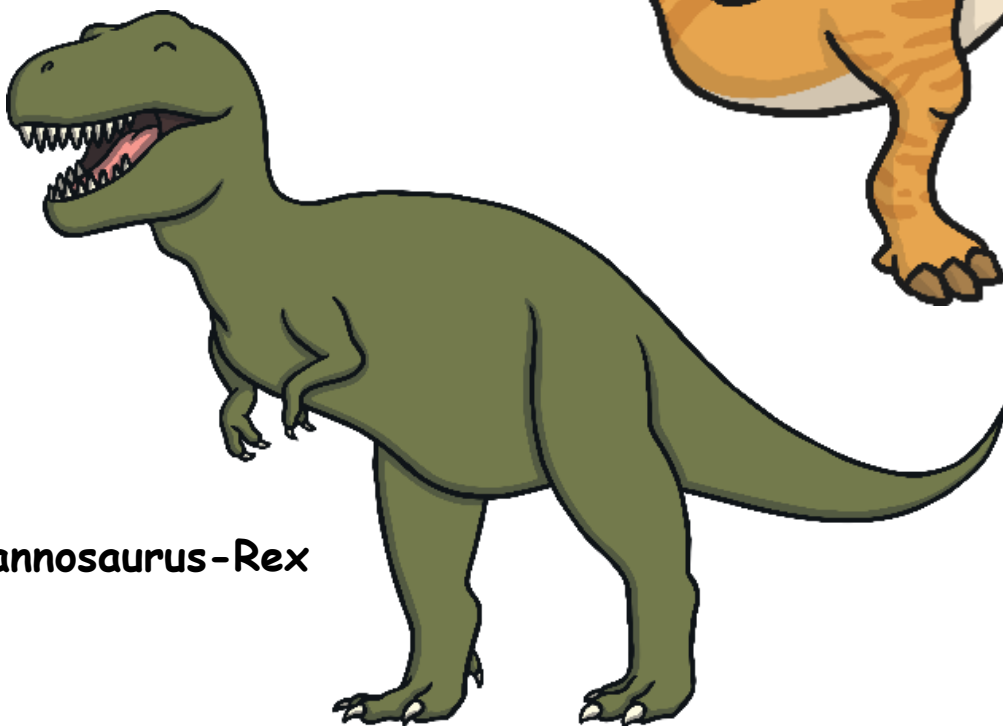


Iguanodon



Ankylosaurus

Tyrannosaurus-Rex





# Cretaceous Period

## The Age of Reptiles

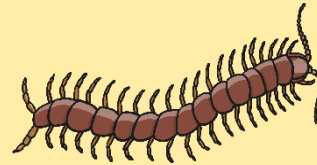
During the Cretaceous Period small mammals and insects continued to live alongside the dinosaurs.



**Adelobasileus**

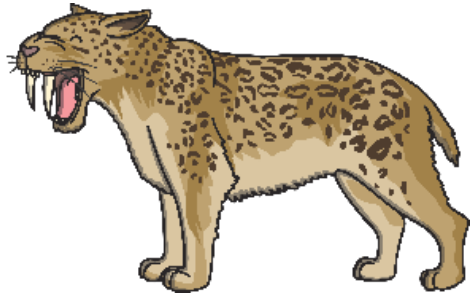


**Juramaia**

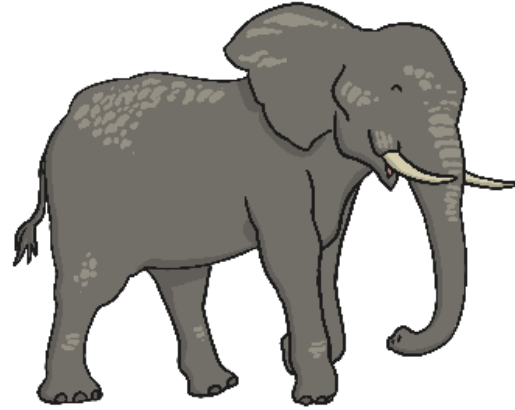


# Cenozoic Era

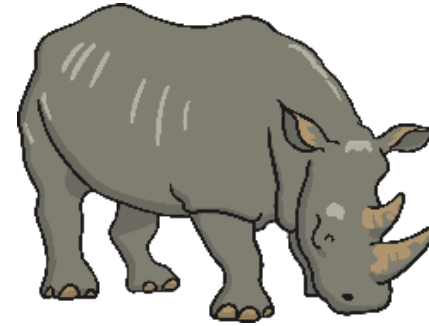
The Age of Mammals



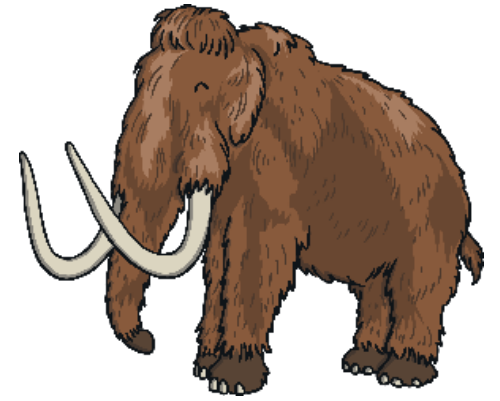
Saber-toothed  
Cat



Elephant



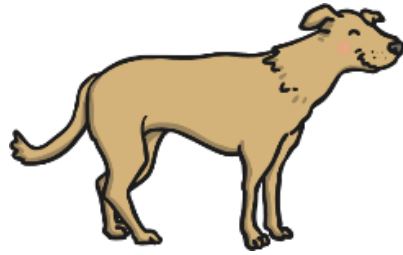
Rhinoceros



Woolly Mammoth



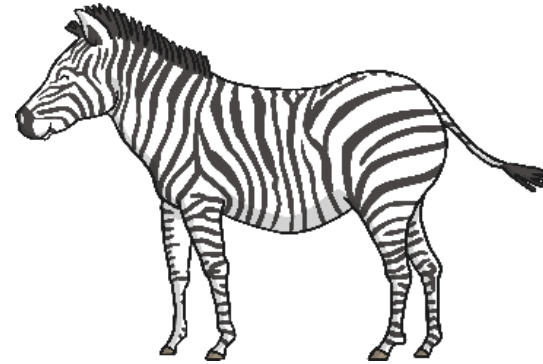
Bird



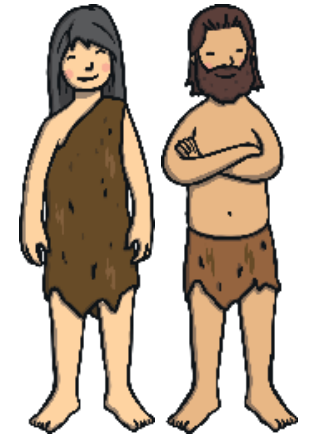
Dog



Cat



Zebra



Human



These are the kind of environments the dinosaurs lived in.

[Click on the image to see more.](#)





# What did they eat?

Some dinosaurs were plant eaters, called herbivores. These were mainly the very large dinosaurs such as diplodocus, triceratops and stegosaurus.

Click on the images  
to learn more.





## What did they eat?

Some dinosaurs were meat eaters, called *carnivores*. They hunted other dinosaurs (prey). Carnivores (predators) had sharp teeth and claws.

Tyrannosaurus Rex, Velociraptor and Allosaurus were all carnivores.

Click on the images  
to learn more.





## What did they eat?

Some dinosaurs ate both plants and meat. These are called omnivores.

Ornithomimus and Oviraptors ate plants, eggs and insects.

*Click on the images to learn more.*





## Did dinosaurs lay eggs?

Dinosaurs were reptiles and most hatched from eggs.

Click on the images  
to learn more.



Female dinosaurs laid anywhere from three eggs up to 20 eggs at a time! Why so many eggs? Most of the dinosaur hatchlings didn't survive - many eggs were eaten by predators before they even hatched.





# Fossilised dinosaur eggs

[Click on the image](#)





# Did dinosaurs fly?

The creatures that ruled the skies during the time of the dinosaurs were called flying reptiles (pterosaurs), not dinosaurs.

Click on some of the images  
to learn more.





# Did dinosaurs live in the oceans?

The creatures that ruled the seas during the time of the dinosaurs were called swimming reptiles (plesiosaurs) not dinosaurs.

Click on the images  
to learn more.

There were many kinds of plesiosaur. The measured about 7 feet (2 meters) long. Others met (15 meters). Common traits among the at, round body with four flippers, a tail, and





Archaeologists found some dinosaur claws. They were very sharp so that the dinosaurs could kill their prey. These claws belonged to a meat eating dinosaur.



Click on the image to see carnivorous dinosaurs using their sharp claws and teeth.

This painting shows a baby Nothosaurus trying to escape from Ticinosucchus. Scientists think that although Nothosaurus laid their eggs on land, when the babies hatched, they went back into the water and were then safe from land living dinosaurs.

[Click on the image to find out more](#)





This picture shows smaller dinosaurs hiding from the Hererasaurus.

[Click on the image to find out more about Hererasaurus](#)



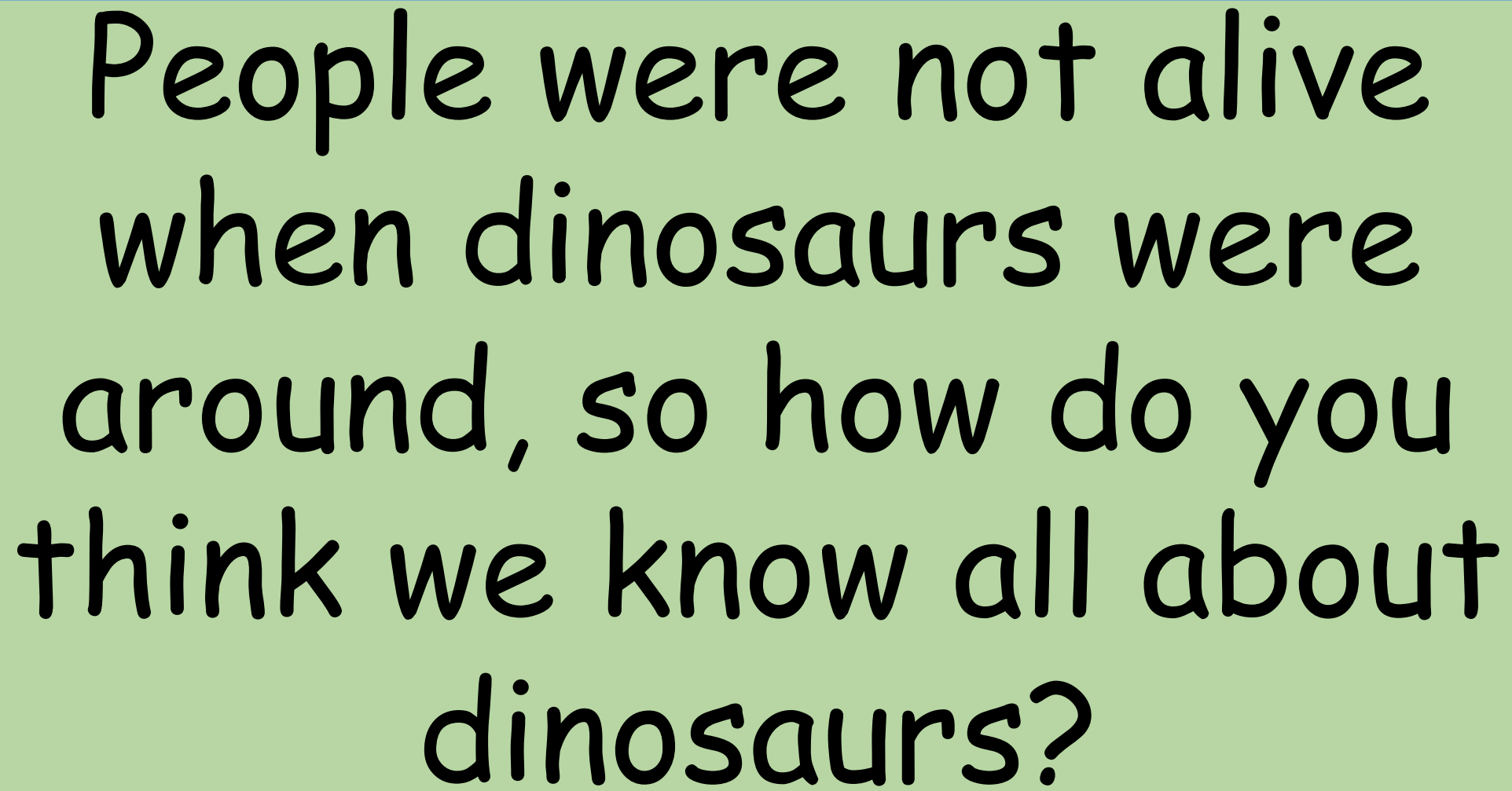


# Can you see the dinosaur that looks like a crocodile?

Click on the image to find out more





A prehistoric landscape with a river, trees, and a dinosaur in the background. The scene is set in a lush, green environment with a river flowing through it. In the background, a large dinosaur is visible, partially obscured by the trees. The overall atmosphere is that of a natural, ancient world.

People were not alive  
when dinosaurs were  
around, so how do you  
think we know all about  
dinosaurs?

# Fossils! Lots and lots of fossils!

[Click on the image to find out more](#)







[Click on the image to find out more.](#)

# What does this fossil look like?

[Click on the image to find out more](#)





# Fossil of a plant

[Click on the image to find out more.](#)



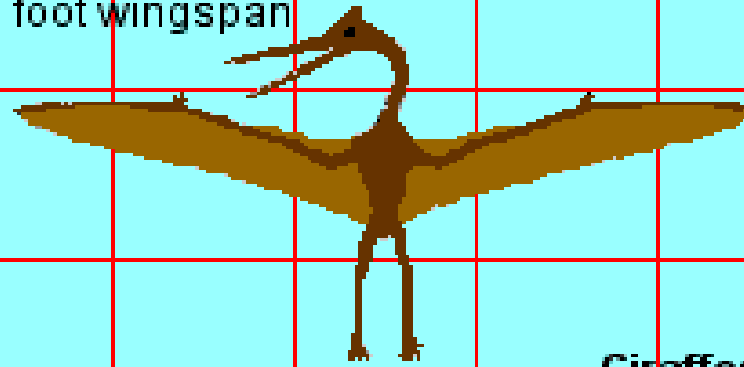
Cockroaches were alive during the time that dinosaurs walked the earth. They are not as big as they were then.

[Click on the image to see more.](#)



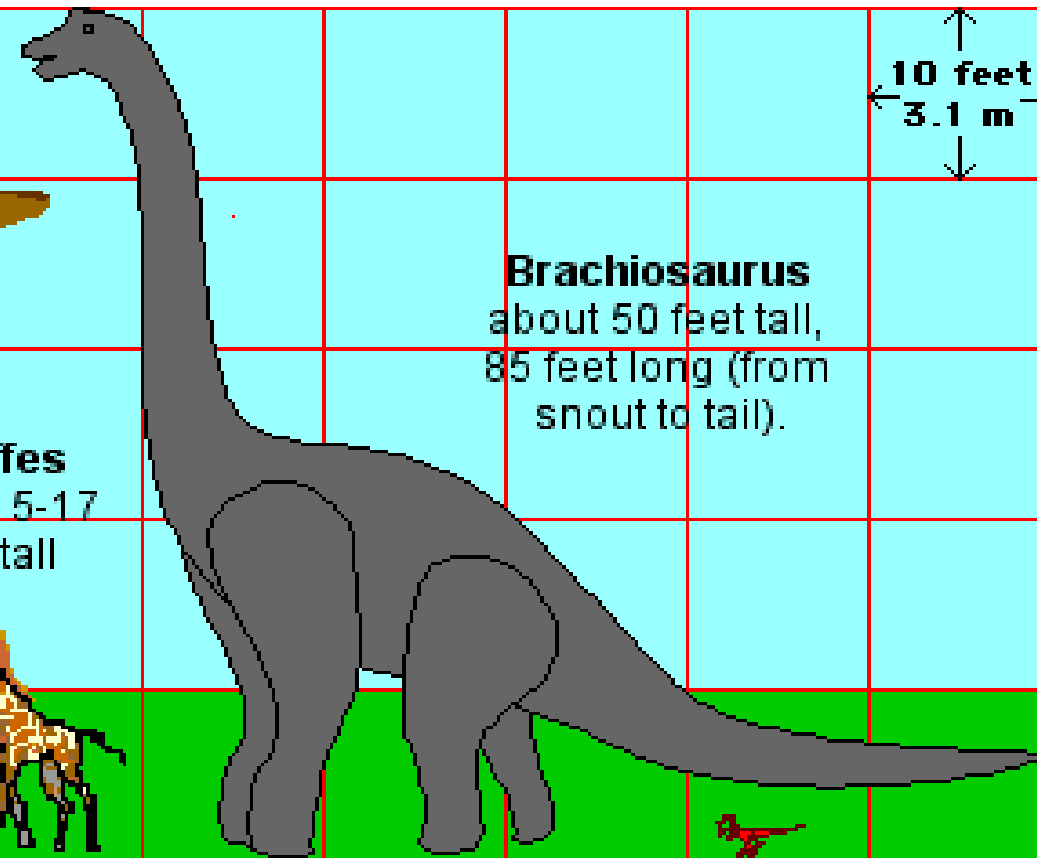


**Quetzalcoatlus**  
40 foot wingspan

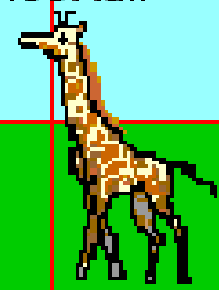


10 feet  
3.1 m

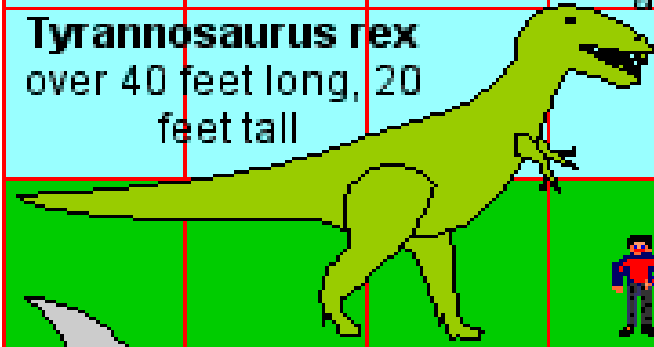
**Brachiosaurus**  
about 50 feet tall,  
85 feet long (from  
snout to tail).



**Giraffes**  
about 15-17  
feet tall

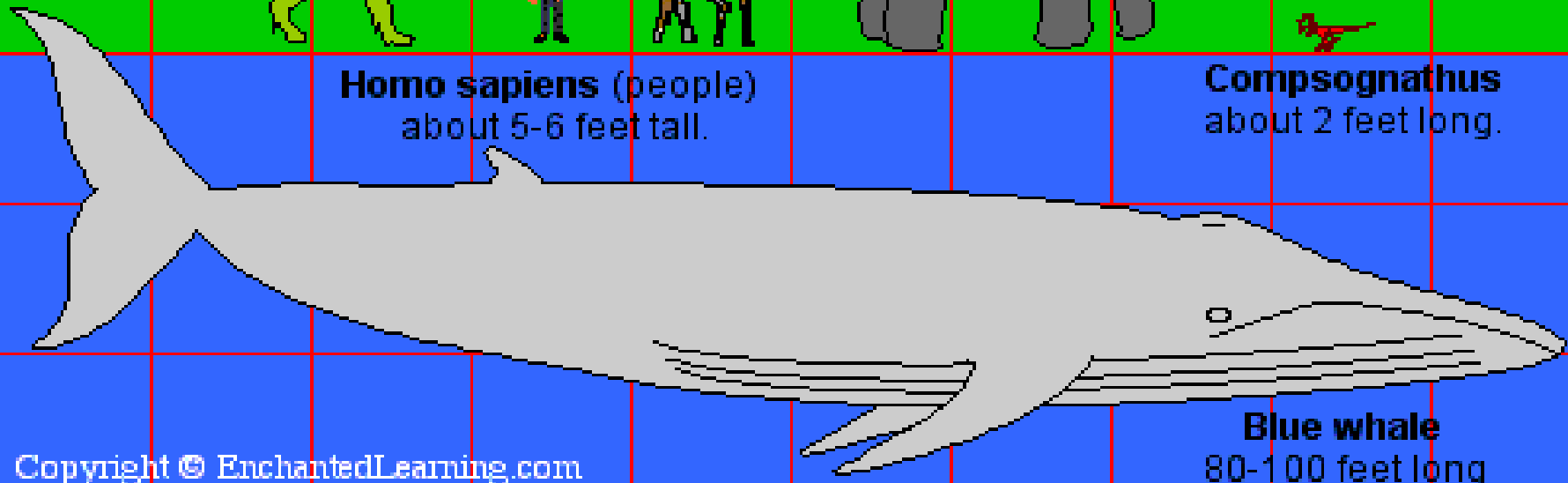


**Tyrannosaurus rex**  
over 40 feet long, 20  
feet tall



**Homo sapiens** (people)  
about 5-6 feet tall.

**Compsognathus**  
about 2 feet long.

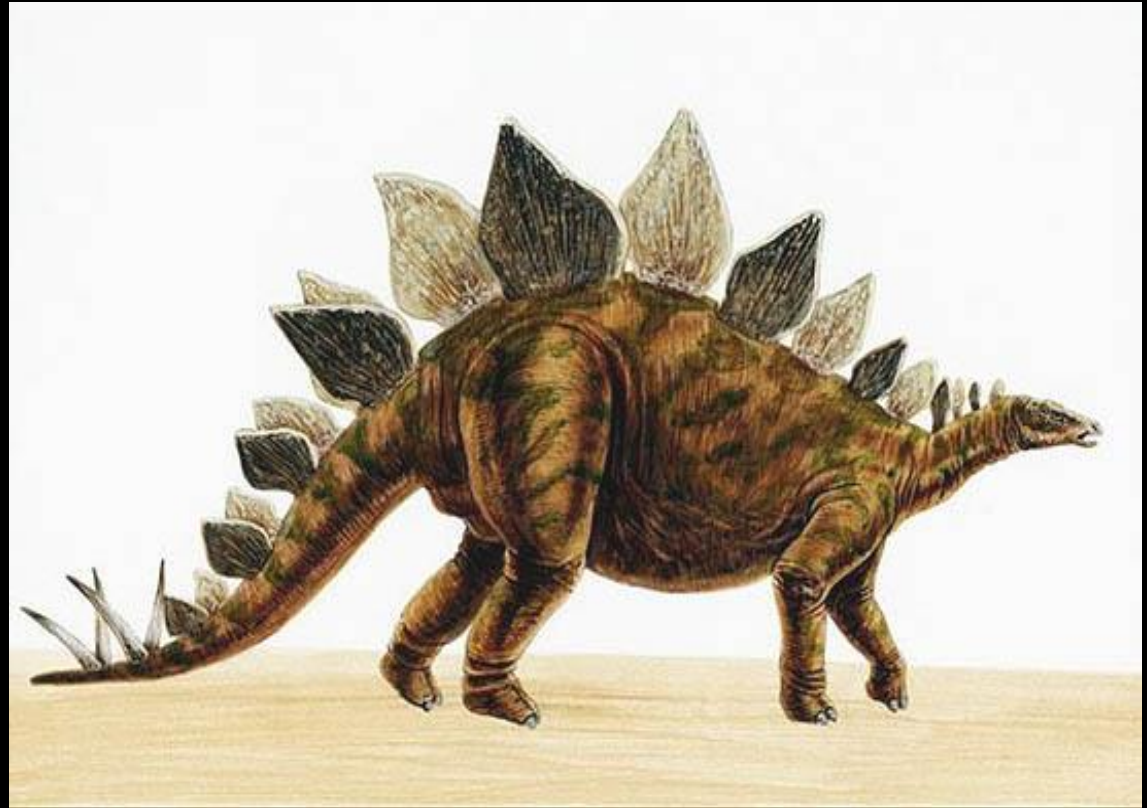


**Blue whale**  
80-100 feet long

Click on this image to find out more.

# Stegosaurus

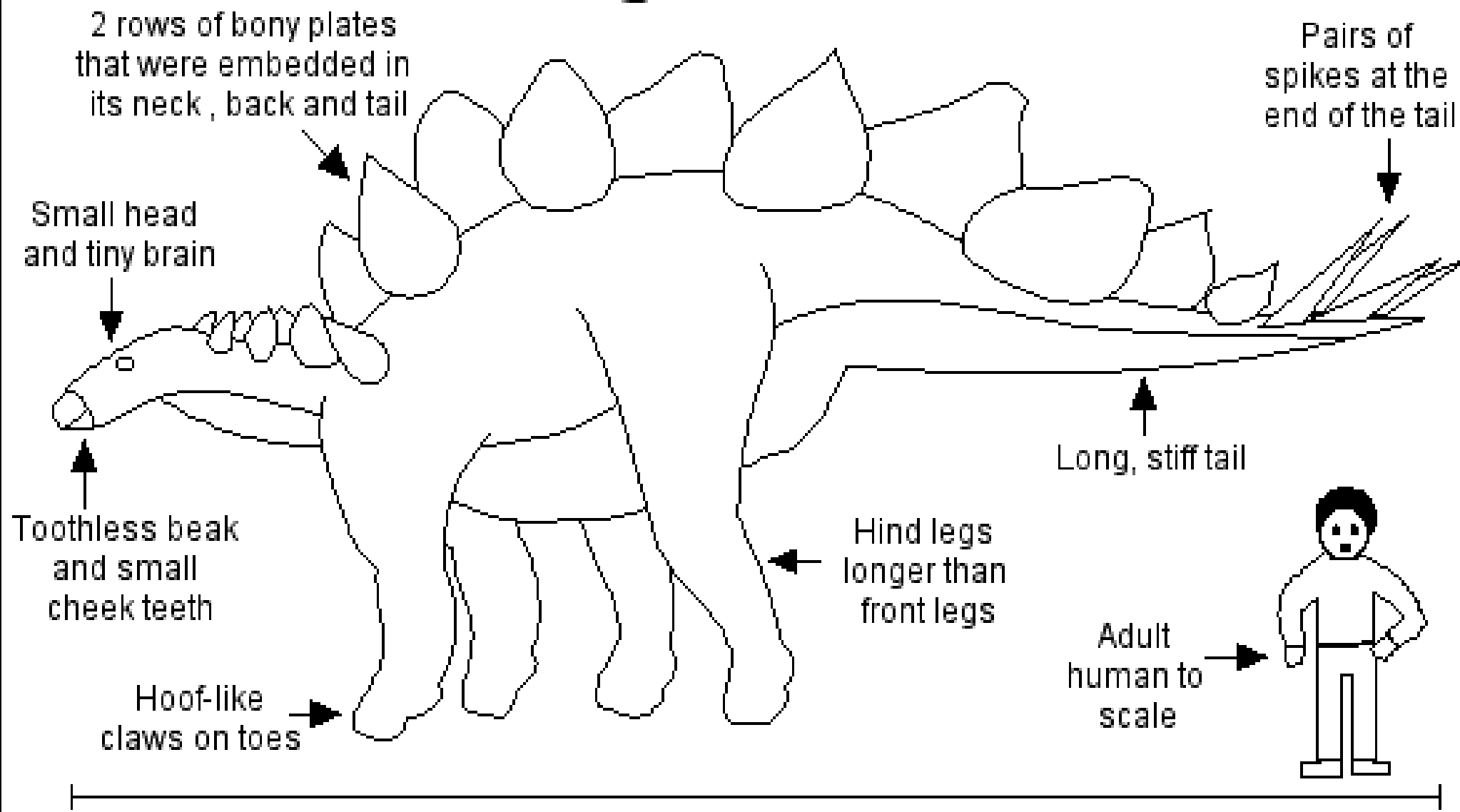
- Herbivore
- Very small head with a tiny brain
- Large, flat, bony, triangular plates along its back
- A heavy, spiked tail for protection
- Walked on four legs



[Click on the image to find out more.](#)



# Stegosaurus



26 to 30 feet (8-9 m) long

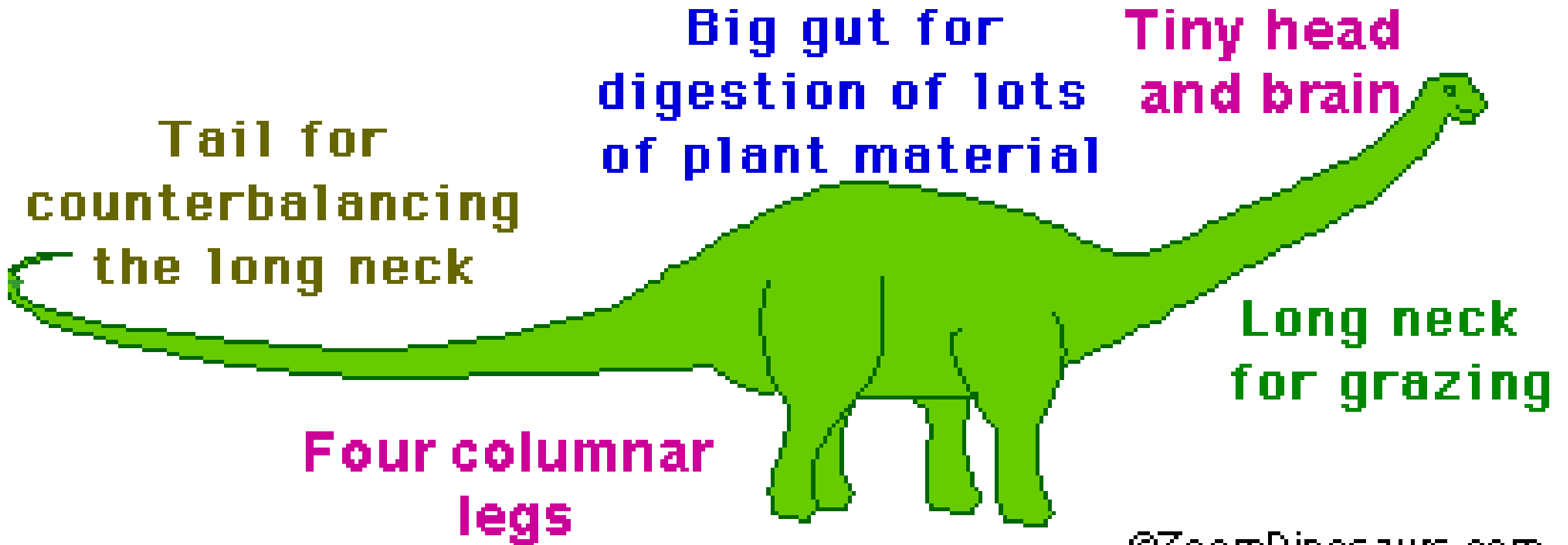
# Diplodocus

- Diplodocus was a long-necked giant, measuring about 27m long with a 8 m long neck and a 14m long tail.
- It was one of the longest land animals ever. Its nostrils were at the top of its head and it had teeth only in the front of the jaws.
- It may have used its whip-like tail for protection.



[Click on the image to find out more.](#)





Big gut for  
digestion of lots  
of plant material

Tiny head  
and brain

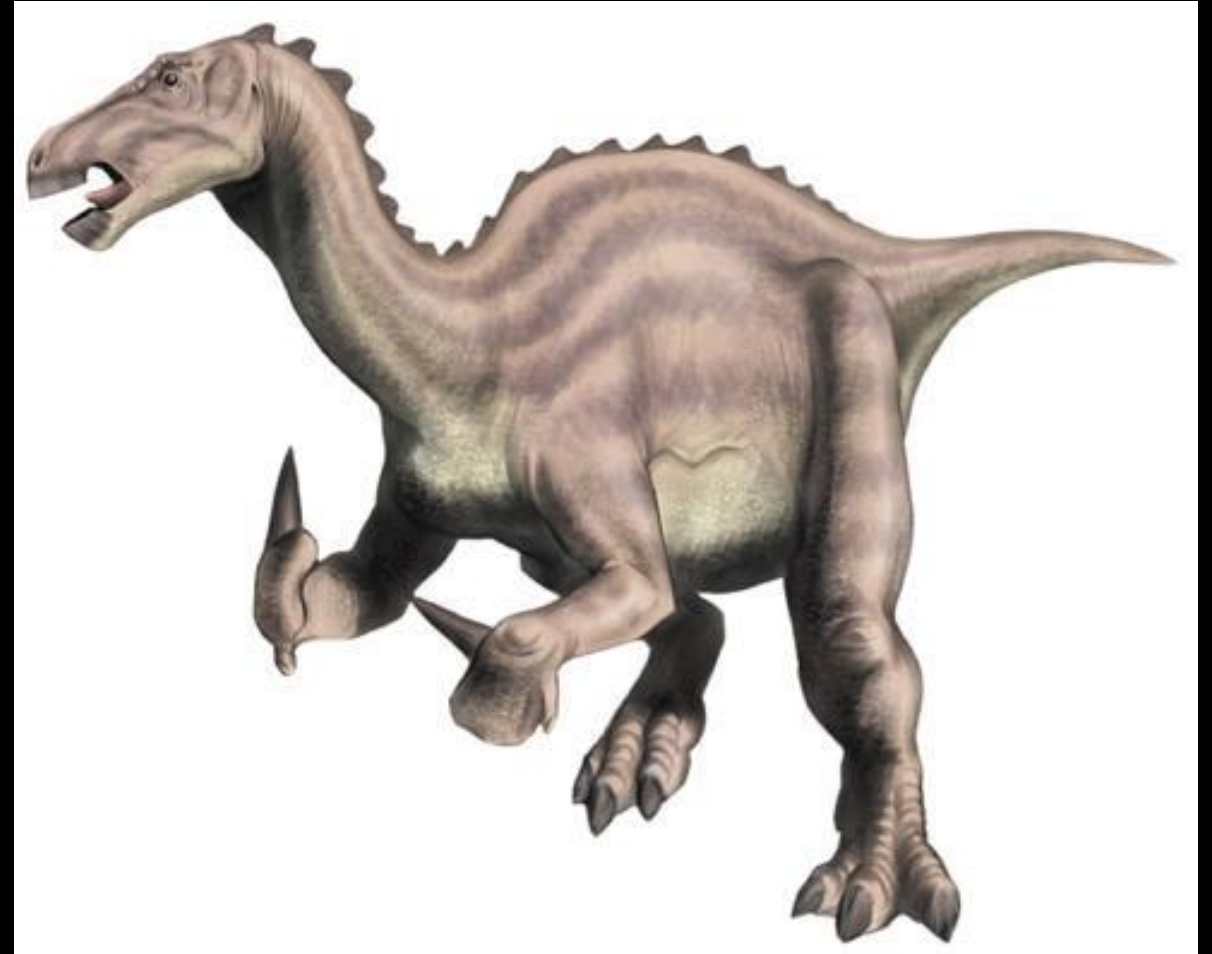
Long neck  
for grazing

Four columnar  
legs

Tail for  
counterbalancing  
the long neck

# Iguanodon

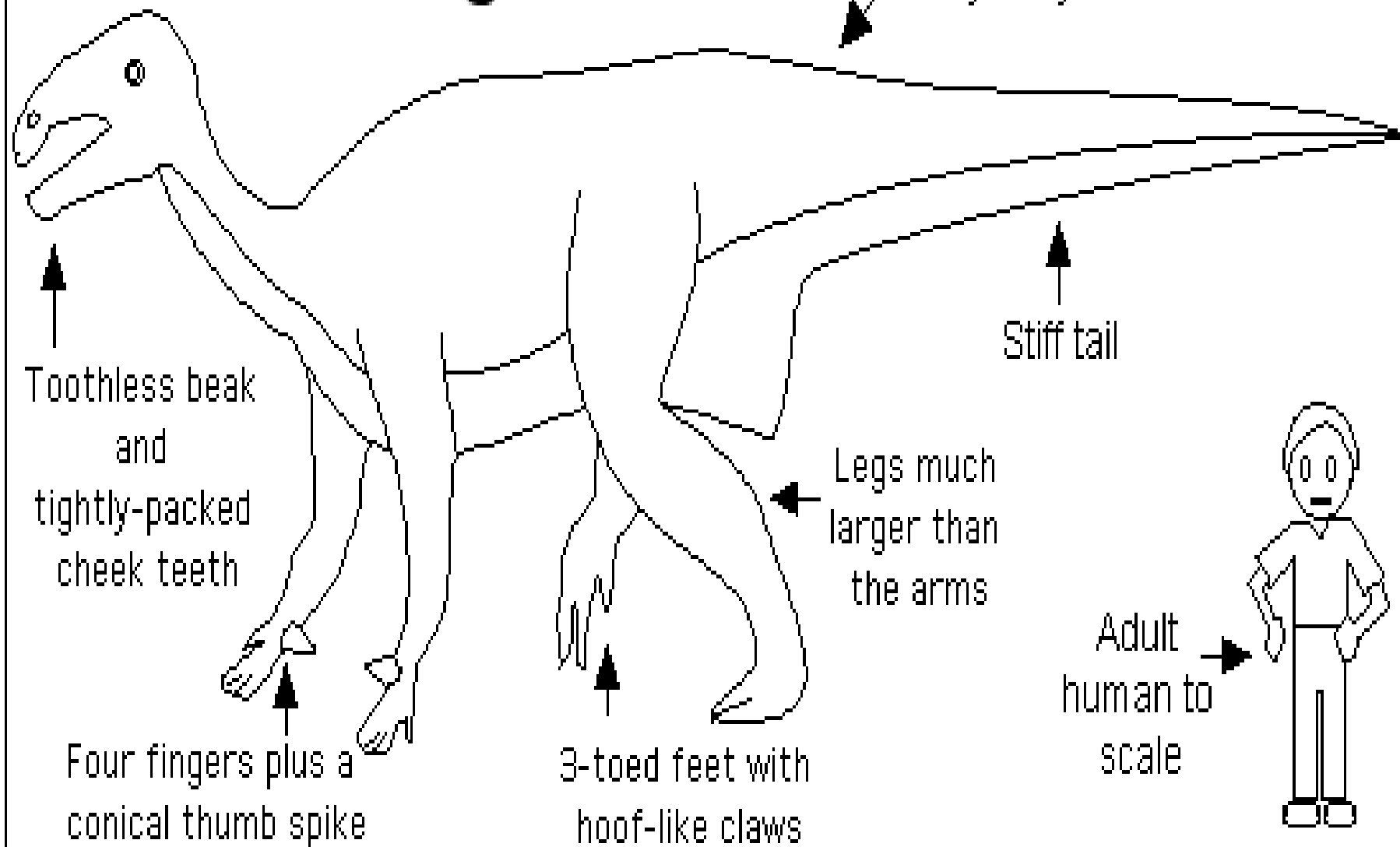
- Iguanodon was a herbivore, that had a spike on each thumb.
- The spike may have been used to defend itself or to help it find food.
- Iguanodons probably lived in herds.
- Iguanodon could run on two legs or walk on four.



[Click on the image to find out more.](#)



# Iguanodon



Toothless beak  
and  
tightly-packed  
cheek teeth

Four fingers plus a  
conical thumb spike

3-toed feet with  
hoof-like claws

Bulky body

Stiff tail

Legs much  
larger than  
the arms

Adult  
human to  
scale

30 feet (9.3 m) long

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# Tyrannosaurus Rex

- The T-Rex was a huge carnivore
- They walked on two legs and had two tiny arms
- Each foot had three large toes, all with claws
- T-Rex had a thin, pointed tail that helped it balance and allowed quick turns while running
- T-Rex had sharp pointy teeth and massive jaws



[Click on the image to find out more.](#)



# Triceratops

- Triceratops was a herbivore
- It had no teeth, but a hard beak like a parrot
- Triceratops probably charged into its enemy like the modern-day rhinoceros does.
- Triceratops walked on four short, strong legs



[Click on the image to find out more.](#)

# Triceratops

Forwards-pointing  
horns up to 3 ft  
(90 cm) long

Large, bony  
frill with  
points on  
edges

Bulky,  
barrel-shaped  
body

Short tail

Short, wide  
snout horn

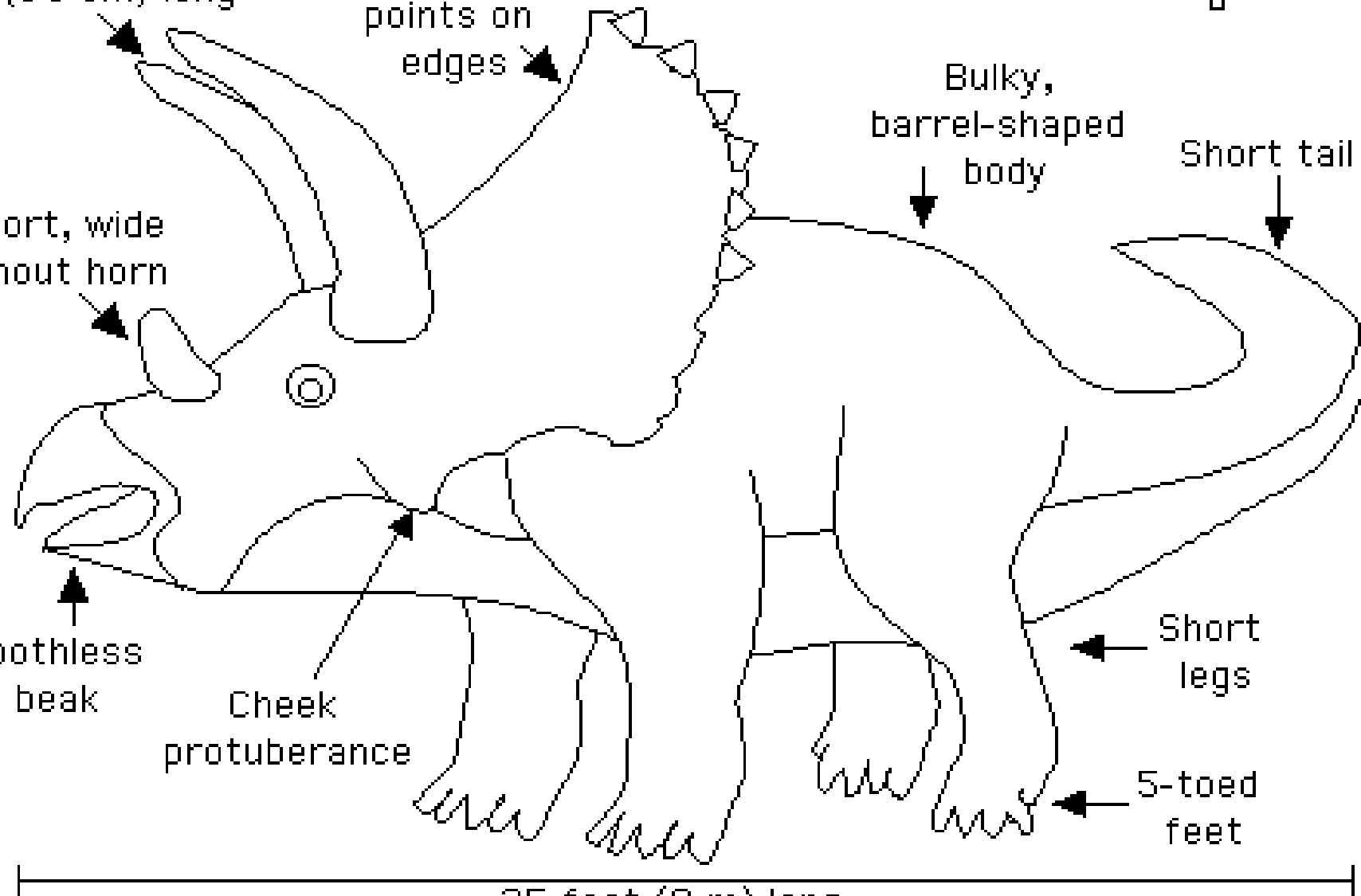
Toothless  
beak

Cheek  
protuberance

Short  
legs

5-toed  
feet

25 feet (8 m) long





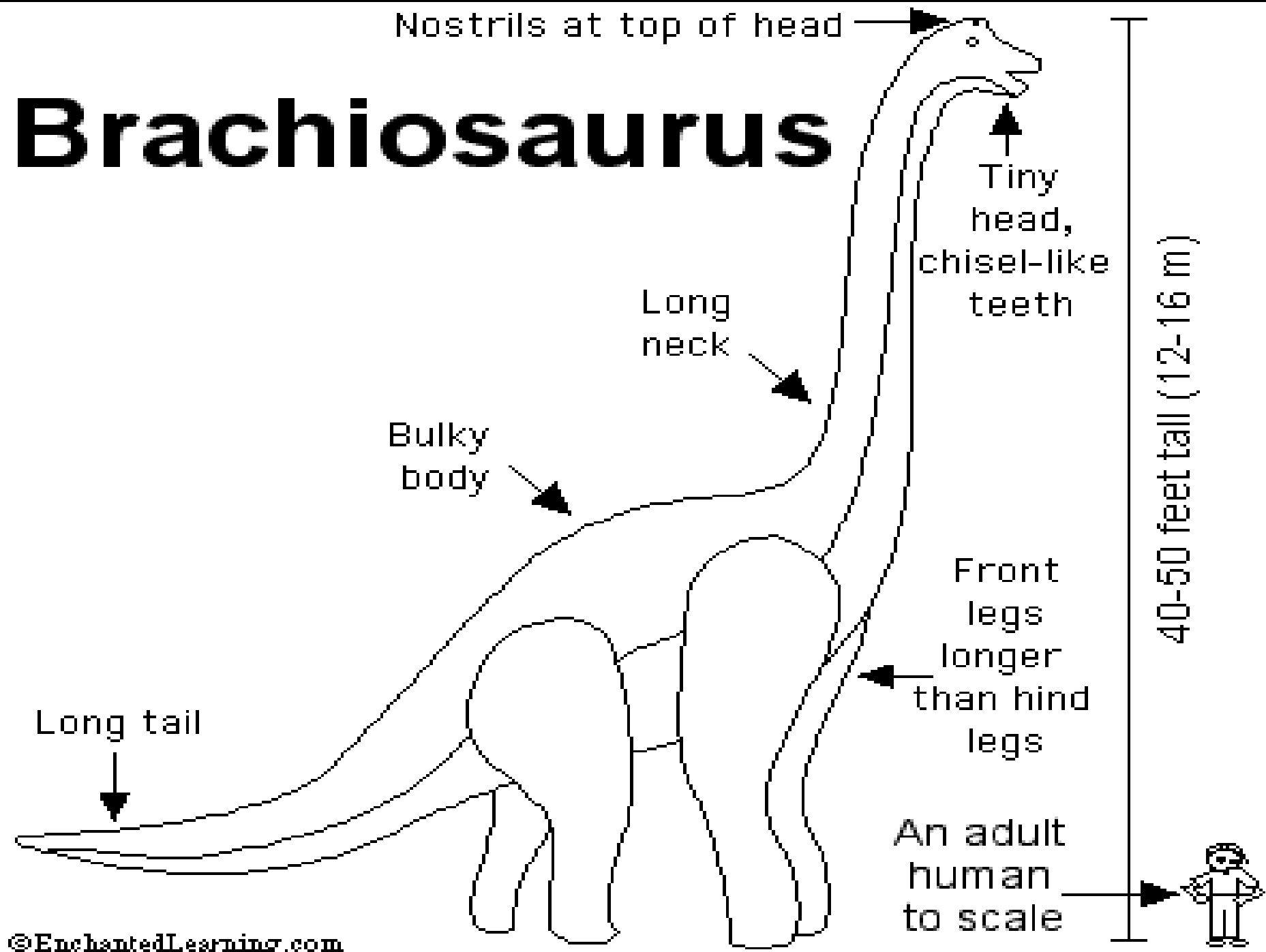
# Brachiosaurus

- Brachiosaurus was a herbivore.
- It was one of the tallest and largest dinosaurs. It had a long neck and a small head.
- Brachiosaurus walked on four legs.
- They may have lived for 100 years.
- They were never eaten by another dinosaur. Can you think of a reason why?



Click on the image to find out more.

# Brachiosaurus





The dinosaurs all died out millions of years ago.

We don't know why they died out.

Some people think it was because of...

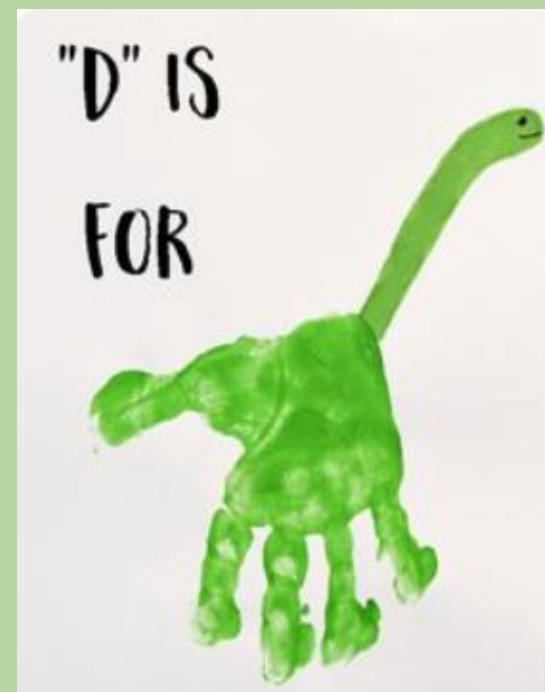
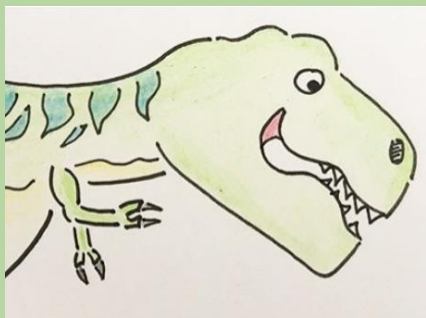
- Climate change
- Meteorite shower
- Volcanic eruption
- **What do you think?**





# Activities

Here are some images of art activities that you could do to add to your project.





You may like to create a 3D scene as part of your project!

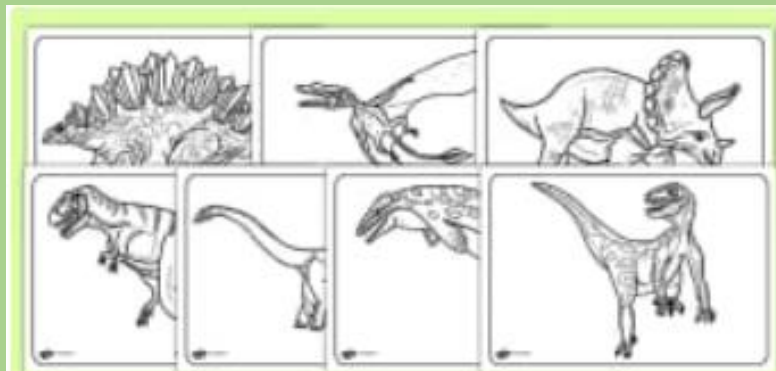
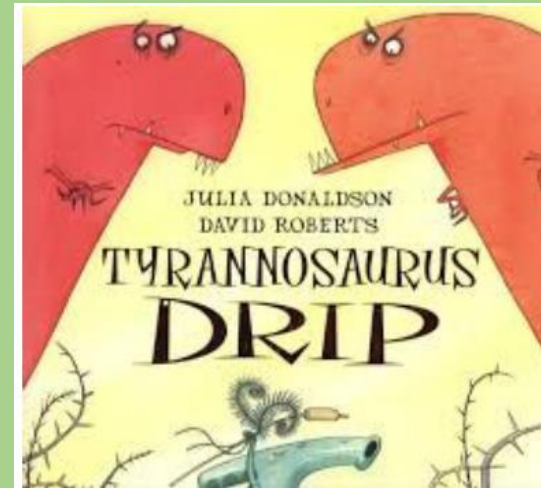
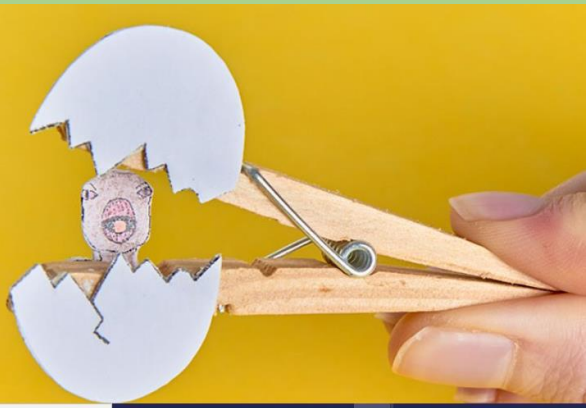




# Activities

Below are some internet links showing you lots of fun dinosaur activities and resources.

Click on the images for resources and activity ideas.

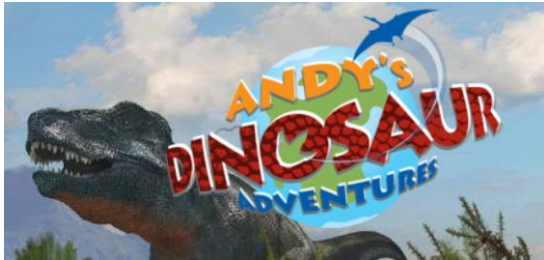




## Useful websites

Below are some internet links giving you lots of dinosaur information.

Click on the images to take you to the link.

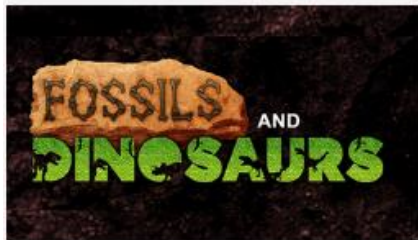


National  
Museums  
Liverpool



What dinosaur are you? Take our quiz

one Planet Dinosaur



Fossils and Dinosaurs



The Dino Directory



The Crystal Palace *Megalosaurus* may have been modelled on a large reptile, such as a monitor lizard





**Enjoy your  
dinosaur  
project!**

**We are  
looking  
forward to  
seeing your  
work.**